

Table 1C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Demographic Indicators
Children Aged < 5 Years (2,3)

Page: 1
Run Date: 5 / 15 / 07

Total Records	Number
Individual Children	232,137
Total Records (All Visits)	340,630

Source of Data	Number	%
WIC	232,137	100.0
EPSDT	0	0.0
Child Health-MCH	0	0.0
Child Health-HMO	0	0.0
Headstart	0	0.0
School Health	0	0.0
Other	0	0.0
Total	232,137	100.0
<i>Excluded Unknown:</i> 0 0.0 %		

Race/Ethnic Distribution	Number	%
White, Not Hispanic	123,221	53.1
Black, Not Hispanic	61,540	26.5
Hispanic	31,892	13.7
American Indian/Alaskan Native	822	0.4
Asian/Pacific Islander	3,806	1.6
Multiple Races	10,846	4.7
All Other	0	0.0
Total	232,127	100.0
<i>Excluded Unknown:</i> 10 * %		

Age Distribution (4)	Number	%
0 - 5 Months	56,589	24.4
6 - 11 Months	28,583	12.3
12 - 23 Months	49,260	21.2
24 - 35 Months	38,189	16.5
3 - 4 Years	59,516	25.6
Total	232,137	100.0

% of Poverty Level	Number	%
0-50	0	0.0
51-100	0	0.0
101-130	0	0.0
131-150	0	0.0
151-185	0	0.0
186-200	0	0.0
Over 200	0	0.0
Adjunctive Eligibility	0	0.0
Total	0	0.0
<i>Excluded Unknown:</i> 232,137 100. %		

Program Participation	Number	%
WIC	0	0.0
FoodStamps	0	0.0
Medicaid	0	0.0
TANF	0	0.0
<i>Excluded Unknown:</i>		
WIC	232,137	100.0
FoodStamps	232,137	100.0
Medicaid	232,137	100.0
TANF	232,137	100.0

Migrant Status	Number	%
Yes	0	0.0
No	0	0.0
Total	0	0.0
<i>Excluded Unknown</i> 232,137 100. %		

- (1) Reporting period is January 1 through December 31.
(2) Analyses based on one record per child.
(3) Excludes records with unknown data or errors.
(4) Records rejected if date of birth and date of visit unknown.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 2C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Health Indicators
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 15 / 07

Summary of Health Indicators ⁽³⁾					
			Michigan Prevalence		National Prevalence (Prior Year)
			Number	%	Number %
Birthweight (4)					
Low	< 2500 g		55,559	9.8	1,641,264 9.4
High	> 4000 g		55,559	7.3	1,641,264 6.6
Height and Weight					
Short Stature (5)	< 5th		225,665	6.8	6,709,486 6.4
	< 10th		225,665	12.0	6,709,486 11.4
Underweight (6)	< 5th		225,665	4.1	6,709,486 4.8
	< 10th		225,665	7.1	6,709,486 8.1
Overweight (6)	≥ 95th		225,665	12.4	6,709,486 13.9
	≥ 2 Yrs Overweight (6)	85th - < 95th	95,780	16.2	2,869,075 16.1
		≥ 95th	95,780	13.3	2,869,075 14.7
Anemia (7)					
Low Hb			135,060	12.9	3,841,438 14.1
Low Hct			136	30.9	773,087 9.8
Low Hb/Hct			135,168	12.9	4,381,087 13.6
Breastfeeding (8)					
Ever Breastfed			58,676	51.2	1,515,954 58.5
Breastfed At Least 6 Months			41,890	15.8	751,259 24.3
Breastfed At Least 12 Months			36,303	12.9	869,342 17.7
Smoking in Household					
≤ 2 Hours TV Viewing/ Day (9)			0	*	1,120,034 16.9
			0	*	343,170 64.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

(8) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(9) Children aged 2 years and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 3C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Breastfeeding Indicators
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 15 / 07

Summary of Breastfeeding Indicators ⁽³⁾				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Breastfeeding Duration ^(4,5)				
Ever Breastfed	58,676	51.2	1,515,954	58.5
Breastfed 1+ Weeks	51,932	49.8	1,172,664	56.4
Breastfed 2+ Weeks	44,851	44.5	926,501	53.2
Breastfed 3+ Weeks	39,477	40.7	762,421	50.4
Breastfed 4+ Weeks	35,905	37.9	664,998	47.8
Breastfed 6+ Weeks	32,708	32.7	564,520	41.9
Breastfed 2+ Months	33,051	28.0	534,246	36.5
Breastfed 3+ Months	36,062	23.1	566,821	32.0
Breastfed 4+ Months	40,147	19.5	639,313	28.6
Breastfed 5+ Months	44,414	17.3	718,188	25.9
Breastfed 6+ Months	41,890	15.8	751,259	24.3
Breastfed 9+ Months	30,990	13.8	791,337	20.4
Breastfed 12+ Months	36,303	12.9	869,342	17.7
Breastfed 18+ Months	29,693	12.3	653,767	12.4
Exclusive Breastfeeding ⁽⁶⁾				
Exclusively Breastfed at Least 3 Months	0	*	101,887	13.6
Exclusively Breastfed at Least 6 Months	0	*	136,891	6.8

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. For each breastfeeding duration category, the analysis includes only children who turned that age during the reporting period by/on their date of visit. For example, infants who turned 9 months old during the reporting period by/on their date of visit are included in the 9+ months analysis.

(5) It is possible the analysis will show that slightly more infants are breastfed at older ages, e.g. 1+ week of age, than at younger ages, e.g. at birth (ever breastfed), due to variation in infants included in each breastfeeding analysis category.

(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 4C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Racial and Ethnic Distribution by Contributor
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 15 / 07

Comparison of Racial and Ethnic Distribution by Contributor								
Contributor	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
Michigan	232,137	53.1	26.5	13.7	0.4	1.6	4.7	0.0
Nation (Prior Year)	7,117,562	32.3	18.5	37.7	1.0	2.5	1.0	7.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 5C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Age Distribution by Contributor
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 15 / 07

Comparison of Age Distribution by Contributor				
Contributor	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Michigan	232,137	36.7	21.2	42.1
Nation (Prior Year)	7,117,562	35.3	22.0	42.6

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 6C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by Contributor
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators by Contributor ⁽³⁾														
Contributor	Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)			
	Low		High		Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Over- weight (6)						
	Number	% <2500 g	% >4000 g		Number	% <5th	% <5th	% ≥95th		Number	% 85th- 95th	% ≥95th	Number	%
Michigan	55,559	9.8	7.3		225,665	6.8	4.1	12.4		95,780	16.2	13.3	135,168	12.9
Nation (Prior Year)	1,641,264	9.4	6.6		6,709,486	6.4	4.8	13.9		2,869,075	16.1	14.7	4,381,087	13.6

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7C
2006 Pediatric Nutrition Surveillance (1)
Michigan

Page: 1
Run Date: 5 / 15 / 07

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Contributor (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Contributor
(4)

	Breastfeeding (5)				Exclusive Breastfeeding (6)		≤2 Hours TV Viewing/Day (7)	Smoking in Household
Contributor	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 3 Months	Number	%
Michigan	58,676	51.2	41,890	15.8	36,303	12.9	0	*
Nation (Prior Year)	1,515,954	58.5	751,259	24.3	869,342	17.7	101,887	13.6
							136,891	6.8
							343,170	64.7
							1,120,034	16.9

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(7) Children ages 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 8C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth and Anemia Indicators by Race/Ethnicity or Age
Children Aged < 5 Years ⁽²⁾

Growth and Anemia Indicators by Race/Ethnicity or Age ⁽³⁾												
	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Number	Low %	High %	Number	Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
		<2500 g	>4000 g		% <5th	% <5th	% ≥95th	Number	% 85th-<95th	% ≥95th	Number	%
Race/Ethnicity												
White, Not Hispanic	29,753	8.3	8.6	120,274	6.5	3.9	11.6	51,083	16.3	12.5	73,889	9.4
Black, Not Hispanic	15,319	14.2	4.2	59,554	8.0	5.3	11.5	24,652	14.0	11.0	33,317	21.3
Hispanic	6,648	7.1	8.2	30,855	6.3	2.6	16.7	13,948	19.3	19.7	19,109	11.2
American Indian/Alaskan Native	157	5.7	14.6	802	5.2	4.6	17.1	395	18.0	17.2	537	10.2
Asian/Pacific Islander	829	9.7	4.2	3,675	7.1	6.0	11.0	1,595	13.0	11.7	2,091	12.7
Multiple Races	2,852	8.8	8.5	10,495	6.0	3.7	13.7	4,105	17.3	15.4	6,218	14.2
All Other	1	*	*	10	*	*	*	2	*	*	7	*
Total	55,559	9.8	7.3	225,665	6.8	4.1	12.4	95,780	16.2	13.3	135,168	12.9
Age												
0 - 11 Months	-	-	-	81,510	10.2	5.3	9.9	-	*	*	7,421	15.6
12 - 23 Months	-	-	-	48,375	6.4	3.0	14.7	-	*	*	52,066	14.2
24 - 35 Months	-	-	-	37,595	4.6	3.7	11.9	37,595	15.8	11.9	30,393	14.2
36 - 47 Months	-	-	-	31,368	4.0	3.9	13.8	31,368	16.3	13.8	26,333	10.9
48 - 59 Months	-	-	-	26,817	4.0	3.7	14.7	26,817	16.6	14.7	18,955	8.8
Total	-	-	-	225,665	6.8	4.1	12.4	95,780	16.2	13.3	135,168	12.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 9C
2006 Pediatric Nutrition Surveillance (1)
Michigan

Page: 1
Run Date: 5 / 15 / 07

Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age (2)
Children Aged < 5 Years (3)

Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age (4)								
	Breastfeeding (5)						<2 Hours TV/Video Viewing/Day (6)	Smoking in Household
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	%
Race/Ethnicity								
White, Not Hispanic	31,248	55.1	22,705	16.3	19,128	13.6	0	*
Black, Not Hispanic	16,154	38.0	10,751	11.4	9,481	8.8	0	*
Hispanic	7,220	62.9	5,450	22.6	5,168	17.8	0	*
American Indian/Alaskan Native	166	51.8	128	16.4	120	5.8	0	*
Asian/Pacific Islander	897	60.3	686	29.9	604	23.8	0	*
Multiple Races	2,990	50.1	2,167	12.0	1,797	9.2	0	*
All Other	1	*	3	*	5	*	0	*
Total	58,676	51.2	41,890	15.8	36,303	12.9	0	*
Age								
0 - 11 Months	-	-	-	-	-	-	0	*
12 - 23 Months	-	-	-	-	-	-	0	*
24 - 35 Months	-	-	-	-	-	-	0	*
36 - 47 Months	-	-	-	-	-	-	0	*
48 - 59 Months	-	-	-	-	-	-	0	*
Total	58,676	51.2	41,890	15.8	36,303	12.9	0	*

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 10C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Racial and Ethnic Distribution
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 15 / 07

Summary of Trends in Racial and Ethnic Distribution								
Year	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
2006	232,137	53.1	26.5	13.7	0.4	1.6	4.7	0.0
2005	229,602	49.1	24.7	11.4	0.5	1.5	2.1	10.8
2004	227,623	57.7	28.6	11.5	0.7	1.5	0.0	0.0
2003	222,370	57.7	29.1	11.1	0.7	1.4	0.0	0.0
2002	223,043	58.0	29.6	10.6	0.6	1.3	0.0	0.0
2001	228,141	57.3	30.6	10.3	0.6	1.2	0.0	0.0
2000	222,687	57.2	31.5	9.5	0.6	1.2	0.0	0.0
1999	322,928	58.9	31.0	8.2	0.7	1.2	0.0	0.0
1998	222,437	59.5	31.2	7.5	0.6	1.2	0.0	0.0
1997	223,436	58.9	32.3	7.0	0.6	1.2	0.0	0.0
1996	219,085	58.5	32.9	6.9	0.6	1.2	0.0	0.0
1995	217,109	59.1	32.8	6.4	0.6	1.0	0.0	0.0
1994	79,477	60.1	32.8	5.5	0.7	0.9	0.0	0.0
1993	2	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 11C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Age Distribution
Children Aged < 5 Years (2)

Page: 1
Run Date: 5 / 15 / 07

Summary of Trends in Age Distribution (3)				
Year	Number Included in Analysis (4)	0-11 Months %	12-23 Months %	24-59 Months %
2006	232,137	36.7	21.2	42.1
2005	229,602	36.3	21.3	42.4
2004	227,623	36.1	20.9	43.0
2003	222,370	36.0	20.7	43.2
2002	223,043	35.8	21.2	43.0
2001	228,141	37.9	20.4	41.7
2000	222,687	38.3	20.2	41.5
1999	322,928	36.1	21.3	42.6
1998	222,437	38.4	19.8	41.7
1997	223,436	37.8	19.8	42.4
1996	219,085	36.9	20.6	42.5
1995	217,109	38.3	20.8	40.8
1994	79,477	38.0	22.6	39.5
1993	2	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Records rejected if date of birth and date of visit unknown.

(4) Excludes records with unknown data or errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 12C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Growth and Anemia Indicators
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5/15/2007

Summary of Trends in Growth and Anemia Indicators ⁽³⁾												
Year	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Low	High		Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)					
	Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th-<95th	% ≥95th	Number	%
2006	55,559	9.8	7.3	225,665	6.8	4.1	12.4	95,780	16.2	13.3	135,168	12.9
2005	53,632	9.8	7.8	222,271	6.7	4.2	12.3	95,227	15.6	12.7	136,536	14.0
2004	52,604	9.6	8.0	221,604	6.8	4.0	13.0	95,863	16.1	13.2	136,704	13.1
2003	50,792	9.4	8.3	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1
2002	49,439	9.5	8.2	216,350	7.0	4.6	12.2	94,065	15.7	12.4	139,155	13.0
2001	55,685	9.7	8.5	221,698	7.7	4.8	11.8	93,453	15.6	12.3	164,937	13.8
2000	55,392	8.9	8.6	216,687	7.5	4.8	11.7	90,754	15.5	12.0	160,182	14.6
1999	72,792	8.9	8.9	314,350	7.3	5.0	11.0	135,007	14.8	11.0	208,807	15.1
1998	55,572	9.4	8.8	215,365	7.5	5.5	10.3	90,760	14.3	10.1	168,297	14.7
1997	55,789	9.3	9.0	216,856	7.6	5.2	10.6	92,893	14.5	10.1	171,694	15.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 12C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Growth and Anemia Indicators
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 5/15/2007

Summary of Trends in Growth and Anemia Indicators ⁽³⁾												
Year	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
	Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th-<95th	% ≥95th	Number	%
1996	54,558	9.3	8.8	213,065	7.8	5.6	10.1	91,581	14.5	9.7	168,939	16.1
1995	56,302	9.4	8.9	211,220	8.4	5.7	9.6	87,224	14.2	9.6	165,448	16.9
1994	27,227	9.4	9.3	77,538	8.5	5.0	10.4	30,925	15.0	10.2	58,857	15.3
1993	0	*	*	1	*	*	*	1	*	*	2	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 13C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Breastfeeding
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5/15/2007

Summary of Trends in Breastfeeding ⁽³⁾						
Year	Breastfeeding (4)					
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
2006	58,676	51.2	41,890	15.8	36,303	12.9
2005	57,291	50.9	42,538	15.5	36,578	12.2
2004	55,961	48.7	43,459	14.6	35,951	11.9
2003	53,953	48.0	41,545	14.7	34,040	11.8
2002	52,433	46.7	41,779	13.6	34,975	10.7
2001	58,927	45.2	43,743	12.3	35,033	9.6
2000	58,579	43.3	42,280	12.4	33,524	9.2
1999	74,508	43.3	51,954	11.9	41,048	8.9
1998	55,523	42.8	40,643	11.2	32,201	8.7
1997	55,724	41.0	40,425	10.3	32,679	8.2

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 13C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Breastfeeding
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 5/15/2007

Summary of Trends in Breastfeeding ⁽³⁾						
Year	Breastfeeding (4)					
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
1996	52,980	39.5	38,986	10.3	33,192	7.6
1995	52,745	38.4	39,431	10.0	32,111	7.7
1994	25,354	39.7	19,285	9.3	15,452	6.7
1993	0	*	0	*	1	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 14C
2006 Pediatric Nutrition Surveillance
Michigan
Children Aged < 5 Years

Page: 1
Run Date: 5 / 15 / 07

This table is forthcoming. It may present changes over time in the prevalence of short stature, underweight, overweight, or anemia among cohorts of children participating in the PedNSS.

Table 15C
2006 Pediatric Nutrition Surveillance
Michigan
Children Aged < 5 Years

Page: 1
Run Date: 5 / 15 / 07

This table is forthcoming. It may present changes over time in the prevalence of short stature, underweight, overweight, or anemia among cohorts of children participating in the PedNSS.

Table 16C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth Indicators by Race/Ethnicity and Age
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5/15/2007

Growth Indicators by Race/Ethnicity and Age ⁽³⁾								
	Short Stature (4)		Underweight (5)		Overweight (5)		≥ 2 Yrs Overweight (5)	
	Number	% <5th	Number	% <5th	Number	% ≥95th	Number	% 85th - <95th % ≥95th
White, Not Hispanic								
0 - 11 Months	43,844	9.3	43,844	5.2	43,844	9.4	0	0.0 0.0
12 - 23 Months	25,347	5.9	25,347	2.8	25,347	13.8	0	0.0 0.0
24 - 59 Months	51,083	4.4	51,083	3.4	51,083	12.5	51,083	16.3 12.5
Total	120,274	6.5	120,274	3.9	120,274	11.6	51,083	16.3 12.5
Black, Not Hispanic								
0 - 11 Months	22,006	12.9	22,006	5.7	22,006	10.2	0	0.0 0.0
12 - 23 Months	12,896	7.7	12,896	4.0	12,896	14.7	0	0.0 0.0
24 - 59 Months	24,652	3.7	24,652	5.6	24,652	11.0	24,652	14.0 11.0
Total	59,554	8.0	59,554	5.3	59,554	11.5	24,652	14.0 11.0
Hispanic								
0 - 11 Months	10,072	8.9	10,072	4.5	10,072	11.6	0	0.0 0.0
12 - 23 Months	6,835	5.9	6,835	1.7	6,835	18.1	0	0.0 0.0
24 - 59 Months	13,948	4.6	13,948	1.6	13,948	19.7	13,948	19.3 19.7
Total	30,855	6.3	30,855	2.6	30,855	16.7	13,948	19.3 19.7
American Indian/Alaskan Native								
0 - 11 Months	232	8.6	232	6.5	232	12.5	0	0.0 0.0
12 - 23 Months	175	6.3	175	5.1	175	22.9	0	0.0 0.0
24 - 59 Months	395	2.8	395	3.3	395	17.2	395	18.0 17.2
Total	802	5.2	802	4.6	802	17.1	395	18.0 17.2

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 16C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth Indicators by Race/Ethnicity and Age
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 5/15/2007

Growth Indicators by Race/Ethnicity and Age ⁽³⁾								
	Short Stature (4)		Underweight (5)		Overweight (5)		≥ 2 Yrs Overweight (5)	
	Number	% <5th	Number	% <5th	Number	% ≥95th	Number	% 85th - <95th % ≥95th
Asian/Pacific Islander								
0 - 11 Months	1,264	9.9	1,264	5.9	1,264	10.0	0	0.0 0.0
12 - 23 Months	816	7.5	816	5.0	816	11.2	0	0.0 0.0
24 - 59 Months	1,595	4.8	1,595	6.5	1,595	11.7	1,595	13.0 11.7
Total	3,675	7.1	3,675	6.0	3,675	11.0	1,595	13.0 11.7
Multiple Races								
0 - 11 Months	4,089	8.8	4,089	4.9	4,089	10.7	0	0.0 0.0
12 - 23 Months	2,301	5.1	2,301	2.5	2,301	16.2	0	0.0 0.0
24 - 59 Months	4,105	3.7	4,105	3.3	4,105	15.4	4,105	17.3 15.4
Total	10,495	6.0	10,495	3.7	10,495	13.7	4,105	17.3 15.4
All Other/Unknown								
0 - 11 Months	3	*	3	*	3	*	0	* *
12 - 23 Months	5	*	5	*	5	*	0	* *
24 - 59 Months	2	*	2	*	2	*	2	* *
Total	10	*	10	*	10	*	2	* *
Total All Race/Ethnic Groups								
0 - 11 Months	81,510	10.2	81,510	5.3	81,510	9.9	0	0.0 0.0
12 - 23 Months	48,375	6.4	48,375	3.0	48,375	14.7	0	0.0 0.0
24 - 59 Months	95,780	4.2	95,780	3.8	95,780	13.3	95,780	16.2 13.3
Total	225,665	6.8	225,665	4.1	225,665	12.4	95,780	16.2 13.3

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 17C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Anemia Indicators by Race/Ethnicity and Age
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 15 / 07

Anemia Indicators by Race/Ethnicity and Age ^(3, 4)					
	Anemia Low Hb/Hct %			Anemia Low Hb/Hct %	
	Number			Number	
White, Not Hispanic			Asian/Pacific Islander		
6 - 11 Months	3,981	12.7	6 - 11 Months	118	8.5
12 - 17 Months	17,755	11.7	12 - 17 Months	509	13.0
18 - 23 Months	10,752	9.2	18 - 23 Months	294	12.2
24 - 35 Months	16,828	10.2	24 - 35 Months	488	14.5
36 - 59 Months	24,573	6.8	36 - 59 Months	682	12.0
Total	73,889	9.4	Total	2,091	12.7
Black, Not Hispanic			Multiple Races		
6 - 11 Months	1,921	23.4	6 - 11 Months	375	18.1
12 - 17 Months	7,916	23.0	12 - 17 Months	1,599	15.9
18 - 23 Months	4,924	22.6	18 - 23 Months	986	13.7
24 - 35 Months	7,376	23.4	24 - 35 Months	1,338	15.1
36 - 59 Months	11,180	17.8	36 - 59 Months	1,920	11.6
Total	33,317	21.3	Total	6,218	14.2
Hispanic			All Other/Unknown		
6 - 11 Months	994	12.5	6 - 11 Months	0	*
12 - 17 Months	4,439	13.2	12 - 17 Months	6	*
18 - 23 Months	2,703	10.5	18 - 23 Months	0	*
24 - 35 Months	4,241	13.9	24 - 35 Months	0	*
36 - 59 Months	6,732	8.2	36 - 59 Months	1	*
Total	19,109	11.2	Total	7	*
American Indian/Alaskan Native			Total All Race/Ethnic Groups		
6 - 11 Months	32	*	6 - 11 Months	7,421	15.6
12 - 17 Months	110	14.5	12 - 17 Months	32,334	14.9
18 - 23 Months	73	*	18 - 23 Months	19,732	13.0
24 - 35 Months	122	13.9	24 - 35 Months	30,393	14.2
36 - 59 Months	200	6.0	36 - 59 Months	45,288	10.0
Total	537	10.2	Total	135,168	12.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 18C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 1
Run Date: 5 / 15 / 07

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th - <95th	% ≥95th	Number	%
White, Not Hispanic	2006	29,753	8.3	8.6	120,274	6.5	3.9	11.6	51,083	16.3	12.5	73,889	9.4
	2005	20,565	8.3	9.1	109,580	5.9	3.7	11.9	49,196	15.9	12.2	72,852	10.4
	2004	31,141	8.5	9.4	128,090	6.5	3.6	12.5	54,702	16.6	13.0	79,361	10.2
	2003	29,794	8.2	9.4	125,251	6.5	3.8	12.2	53,935	17.0	13.0	77,964	10.2
	2002	29,351	8.1	9.6	125,739	6.7	4.1	11.9	54,228	16.4	12.5	80,477	9.8
	2001	31,616	8.2	10.0	127,624	7.3	4.4	11.4	54,188	16.1	12.5	95,574	10.7
	2000	31,232	7.3	10.3	124,531	6.9	4.5	11.3	52,269	16.0	12.3	92,632	11.1
	1999	41,907	7.4	10.6	185,783	6.8	4.6	10.7	79,715	15.3	11.2	123,469	11.5
	1998	32,549	7.8	10.4	128,561	6.9	5.1	9.8	53,762	14.7	10.2	102,145	11.3
	1997	32,941	7.9	10.8	128,312	7.1	4.8	10.2	54,104	15.0	10.2	102,455	12.5
Black, Not Hispanic	2006	15,319	14.2	4.2	59,554	8.0	5.3	11.5	24,652	14.0	11.0	33,317	21.3
	2005	10,733	14.4	5.1	54,726	7.3	5.0	11.8	24,285	13.4	10.6	34,245	22.1
	2004	14,933	13.3	5.1	63,141	7.5	5.0	12.6	27,132	14.2	11.0	38,016	20.3
	2003	14,534	13.0	5.7	62,643	7.5	5.4	12.4	27,191	13.7	10.7	38,290	20.4
	2002	14,426	13.4	5.2	63,663	7.4	5.8	11.5	27,738	13.7	10.4	40,434	20.5
	2001	17,610	13.4	5.5	67,427	8.4	5.7	11.3	28,090	13.9	10.0	49,221	20.5
	2000	17,755	12.4	5.5	67,773	8.4	5.7	11.2	28,354	13.6	9.8	49,548	21.8
	1999	23,533	12.3	5.8	97,116	8.0	6.1	10.7	41,626	13.0	9.0	63,897	22.5
	1998	18,121	13.0	5.6	66,834	8.3	6.4	10.2	28,178	12.7	8.5	50,278	22.3
	1997	18,533	12.6	5.6	69,472	8.4	6.2	10.4	30,196	12.7	8.6	53,619	22.5

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 2
Run Date: 5 / 15 / 07

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low	High	Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)						
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th -	% <95th	% ≥95th	Number
Hispanic	2006	6,648	7.1	8.2	30,855	6.3	2.6	16.7	13,948	19.3	19.7	19,109	11.2
	2005	4,771	7.0	8.7	25,441	5.8	2.7	16.9	12,253	18.5	18.2	16,744	12.3
	2004	5,338	6.2	8.4	25,541	6.9	3.1	16.8	12,076	17.8	18.3	16,436	10.5
	2003	5,323	6.5	9.5	23,949	7.3	3.4	16.1	10,961	18.0	17.9	15,245	10.2
	2002	4,683	6.6	8.9	22,822	7.2	3.8	15.8	10,328	17.4	17.2	15,636	11.0
	2001	5,503	6.4	9.1	22,697	7.8	4.0	15.4	9,476	17.2	17.5	17,221	12.1
	2000	5,475	7.3	8.8	20,455	7.8	4.2	14.6	8,396	17.8	17.3	15,149	12.4
	1999	6,138	7.0	9.1	25,643	8.0	4.2	14.6	11,034	17.1	16.3	17,620	13.4
	1998	4,046	7.1	10.2	16,094	8.3	4.9	13.6	7,099	17.1	15.0	12,756	12.3
	1997	3,406	6.6	9.8	15,053	8.0	4.3	14.9	6,834	18.3	15.6	12,351	13.1
American Indian/Alaskan Native	2006	157	5.7	14.6	802	5.2	4.6	17.1	395	18.0	17.2	537	10.2
	2005	163	8.0	14.1	1,076	5.2	3.1	19.0	514	16.9	20.8	748	14.4
	2004	395	7.8	9.6	1,557	6.4	2.9	17.1	663	22.9	17.0	983	11.6
	2003	347	6.3	12.1	1,437	5.8	2.9	15.3	631	21.1	15.8	930	10.1
	2002	320	5.6	12.8	1,377	5.5	2.8	15.6	602	19.8	15.8	910	8.4
	2001	327	7.6	12.8	1,367	6.2	2.9	16.6	610	24.1	15.1	1,005	8.8
	2000	325	5.5	12.6	1,408	5.4	3.4	17.5	637	20.4	17.4	1,027	11.3
	1999	448	8.0	15.2	2,065	4.5	3.1	14.5	918	19.3	15.7	1,371	11.5
	1998	316	6.0	15.2	1,384	5.6	4.3	14.7	652	19.3	15.0	1,134	11.0
	1997	304	6.6	12.8	1,361	5.7	4.0	13.2	603	18.9	11.4	1,125	13.5

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 3
Run Date: 5 / 15 / 07

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th -	% <95th	% ≥95th	Number
Asian/Pacific Islander	2006	829	9.7	4.2	3,675	7.1	6.0	11.0	1,595	13.0	11.7	2,091	12.7
	2005	645	10.4	5.3	3,214	6.8	7.2	11.4	1,424	12.2	12.4	2,059	13.6
	2004	797	7.4	6.5	3,273	6.8	5.2	11.4	1,288	13.7	12.3	1,906	12.4
	2003	794	7.9	4.4	3,082	7.2	5.3	12.1	1,244	15.3	13.2	1,821	13.4
	2002	659	8.6	5.0	2,749	7.8	4.3	11.5	1,169	15.7	13.0	1,698	12.6
	2001	628	8.6	5.7	2,580	7.6	4.7	11.1	1,088	14.9	13.1	1,913	14.1
	2000	605	6.0	4.6	2,520	9.1	4.6	10.8	1,098	15.7	12.1	1,826	12.5
	1999	766	7.2	4.3	3,743	8.6	4.9	10.7	1,714	15.2	11.4	2,450	15.5
	1998	540	8.5	6.3	2,492	8.9	6.1	11.2	1,069	13.9	13.8	1,984	12.4
	1997	605	8.1	6.4	2,658	8.5	5.5	10.8	1,156	14.6	12.8	2,144	14.7
Multiple Races	2006	2,852	8.8	8.5	10,495	6.0	3.7	13.7	4,105	17.3	15.4	6,218	14.2
	2005	1,422	8.6	7.7	4,597	6.9	3.3	13.5	1,858	17.2	15.7	2,640	15.1
	2004	0	*	*	0	*	*	*	0	*	*	0	*
	2003	0	*	*	0	*	*	*	0	*	*	0	*
	2002	0	*	*	0	*	*	*	0	*	*	0	*
	2001	0	*	*	0	*	*	*	0	*	*	0	*
	2000	0	*	*	0	*	*	*	0	*	*	0	*
	1999	0	*	*	0	*	*	*	0	*	*	0	*
	1998	0	*	*	0	*	*	*	0	*	*	0	*
	1997	0	*	*	0	*	*	*	0	*	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2006 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 4
Run Date: 5 / 15 / 07

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th - <95th	% ≥95th	Number	%
All Other/Unknown	2006	1	*	*	10	*	*	*	2	*	*	7	*
	2005	15,333	9.6	7.5	23,637	9.6	5.8	9.5	5,697	15.5	11.8	7,248	15.0
	2004	0	*	*	2	*	*	*	2	*	*	2	*
	2003	0	*	*	0	*	*	*	0	*	*	0	*
	2002	0	*	*	0	*	*	*	0	*	*	0	*
	2001	1	*	*	3	*	*	*	1	*	*	3	*
	2000	0	*	*	0	*	*	*	0	*	*	0	*
	1999	0	*	*	0	*	*	*	0	*	*	0	*
	1998	0	*	*	0	*	*	*	0	*	*	0	*
	1997	0	*	*	0	*	*	*	0	*	*	0	*
Total All Race/Ethnic Groups	2006	55,559	9.8	7.3	225,665	6.8	4.1	12.4	95,780	16.2	13.3	135,168	12.9
	2005	53,632	9.8	7.8	222,271	6.7	4.2	12.3	95,227	15.6	12.7	136,536	14.0
	2004	52,604	9.6	8.0	221,604	6.8	4.0	13.0	95,863	16.1	13.2	136,704	13.1
	2003	50,792	9.4	8.3	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1
	2002	49,439	9.5	8.2	216,350	7.0	4.6	12.2	94,065	15.7	12.4	139,155	13.0
	2001	55,685	9.7	8.5	221,698	7.7	4.8	11.8	93,453	15.6	12.3	164,937	13.8
	2000	55,392	8.9	8.6	216,687	7.5	4.8	11.7	90,754	15.5	12.0	160,182	14.6
	1999	72,792	8.9	8.9	314,350	7.3	5.0	11.0	135,007	14.8	11.0	208,807	15.1
	1998	55,572	9.4	8.8	215,365	7.5	5.5	10.3	90,760	14.3	10.1	168,297	14.7
	1997	55,789	9.3	9.0	216,856	7.6	5.2	10.6	92,893	14.5	10.1	171,694	15.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 19C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 1
Run Date: 5 / 15 / 07

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
White, Not Hispanic	2006	31,248	55.1	22,705	16.3	19,128	13.6
	2005	21,842	55.2	21,948	15.9	20,000	12.9
	2004	32,949	52.6	25,703	15.1	20,587	12.3
	2003	31,430	51.8	24,353	15.4	19,700	12.3
	2002	31,081	50.6	24,869	14.4	20,076	11.3
	2001	33,432	49.6	25,549	13.4	20,071	10.3
	2000	32,861	48.5	24,714	13.4	19,224	9.8
	1999	43,246	48.0	31,333	12.9	24,069	9.7
	1998	32,917	47.6	25,098	12.6	19,787	9.7
	1997	33,147	46.6	25,061	11.7	19,501	9.6
Black, Not Hispanic	2006	16,154	38.0	10,751	11.4	9,481	8.8
	2005	11,468	37.7	10,478	10.5	9,689	9.0
	2004	15,957	35.5	12,274	10.2	10,169	7.8
	2003	15,590	34.3	12,098	9.8	9,830	8.2
	2002	15,315	33.5	12,091	9.2	10,272	7.4
	2001	18,637	32.0	13,005	7.7	10,377	6.3
	2000	18,897	29.8	12,971	8.5	10,433	6.6
	1999	23,841	31.8	15,621	8.7	12,865	6.6
	1998	17,838	31.4	12,096	7.0	9,497	5.5
	1997	18,177	28.6	12,108	6.4	10,200	4.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 2
Run Date: 5 / 15 / 07

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Hispanic	2006	7,220	62.9	5,450	22.6	5,168	17.8
	2005	5,147	65.1	4,557	22.4	4,472	17.4
	2004	5,778	61.7	4,523	22.2	4,323	18.3
	2003	5,709	63.4	4,142	22.8	3,775	18.1
	2002	5,002	61.3	4,013	21.2	3,945	15.9
	2001	5,834	61.9	4,420	19.3	3,963	14.2
	2000	5,834	56.4	3,908	18.6	3,258	13.5
	1999	6,167	54.0	4,105	15.9	3,384	11.8
	1998	3,865	53.7	2,747	15.7	2,352	12.2
	1997	3,461	50.5	2,521	13.7	2,346	10.2
American Indian/Alaskan Native	2006	166	51.8	128	16.4	120	5.8
	2005	168	60.1	199	18.1	196	14.8
	2004	405	53.3	258	16.3	261	11.1
	2003	359	46.8	272	18.0	237	12.7
	2002	329	52.9	248	12.5	224	10.7
	2001	340	45.0	239	13.4	213	12.7
	2000	333	54.7	235	13.6	234	9.4
	1999	455	48.1	322	11.8	276	8.7
	1998	319	40.4	254	11.4	190	7.9
	1997	312	36.2	249	11.6	215	7.4

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 3
Run Date: 5 / 15 / 07

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Asian/Pacific Islander	2006	897	60.3	686	29.9	604	23.8
	2005	693	56.9	641	31.4	594	21.5
	2004	872	56.8	701	24.5	611	20.8
	2003	865	56.4	680	28.1	498	16.9
	2002	706	53.0	558	20.8	458	16.2
	2001	683	49.3	528	16.3	408	11.0
	2000	654	48.3	452	17.3	375	13.9
	1999	799	48.2	573	14.8	454	10.1
	1998	584	51.7	448	17.6	375	13.9
	1997	627	54.4	486	15.2	417	14.4
Multiple Races	2006	2,990	50.1	2,167	12.0	1,797	9.2
	2005	1,496	50.5	956	12.1	779	8.5
	2004	0	*	0	*	0	*
	2003	0	*	0	*	0	*
	2002	0	*	0	*	0	*
	2001	0	*	0	*	0	*
	2000	0	*	0	*	0	*
	1999	0	*	0	*	0	*
	1998	0	*	0	*	0	*
	1997	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 4
Run Date: 5 / 15 / 07

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
All Other/Unknown	2006	1	*	3	*	5	*
	2005	16,477	49.6	3,759	16.9	848	3.9
	2004	0	*	0	*	0	*
	2003	0	*	0	*	0	*
	2002	0	*	0	*	0	*
	2001	1	*	2	*	1	*
	2000	0	*	0	*	0	*
	1999	0	*	0	*	0	*
	1998	0	*	0	*	0	*
	1997	0	*	0	*	0	*
Total All Race/Ethnic Groups	2006	58,676	51.2	41,890	15.8	36,303	12.9
	2005	57,291	50.9	42,538	15.5	36,578	12.2
	2004	55,961	48.7	43,459	14.6	35,951	11.9
	2003	53,953	48.0	41,545	14.7	34,040	11.8
	2002	52,433	46.7	41,779	13.6	34,975	10.7
	2001	58,927	45.2	43,743	12.3	35,033	9.6
	2000	58,579	43.3	42,280	12.4	33,524	9.2
	1999	74,508	43.3	51,954	11.9	41,048	8.9
	1998	55,523	42.8	40,643	11.2	32,201	8.7
	1997	55,724	41.0	40,425	10.3	32,679	8.2

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 20C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Growth Indicators by Age
Children Aged < 5 Years (2)

Page: 1
Run Date: 5 / 15 / 07

Summary of Trends in Growth Indicators by Age ⁽³⁾																		
Age and Year *		Height and Weight								Age and Year *		Height and Weight						
		Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)						Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)		
		Number	%	%	%	Number	%	%				Number	%	%	%	Number	%	%
		<5th	<5th	≥95th	85th-<95th			≥95th			<5th	<5th	≥95th	85th-<95th			≥95th	
0 - 11 Months										24 - 35 Months								
2006	81,510	10.2	5.3	9.9	-	-	-		2006	37,595	4.6	3.7	11.9	37,595	15.8	11.9		
2005	79,096	10.1	5.2	10.4	-	-	-		2005	36,469	4.2	4.0	11.1	36,469	14.9	11.1		
2004	78,881	10.1	5.0	11.1	-	-	-		2004	36,379	4.6	3.7	12.0	36,379	15.4	12.0		
2003	77,207	9.7	5.3	11.0	-	-	-		2003	36,372	4.8	3.9	11.8	36,372	15.6	11.8		
2002	76,048	10.2	6.1	10.5	-	-	-		2002	36,515	4.6	4.0	11.4	36,515	15.1	11.4		
2001	82,634	11.6	6.5	9.8	-	-	-		2001	36,045	4.5	4.1	11.0	36,045	14.9	11.0		
2000	81,685	11.0	6.7	9.6	-	-	-		2000	35,142	4.7	4.4	10.8	35,142	14.4	10.8		
1999	111,600	10.7	6.6	9.4	-	-	-		1999	53,484	4.4	4.6	10.2	53,484	13.9	10.2		
1998	81,344	10.9	7.5	8.9	-	-	-		1998	33,897	4.5	4.9	9.2	33,897	13.2	9.2		
1997	80,567	10.8	7.2	9.5	-	-	-		1997	34,878	4.8	4.4	9.2	34,878	13.9	9.2		
12 - 23 Months										36 - 47 Months								
2006	48,375	6.4	3.0	14.7	-	-	-		2006	31,368	4.0	3.9	13.8	31,368	16.3	13.8		
2005	47,948	6.1	2.9	14.6	-	-	-		2005	31,555	4.3	4.2	13.0	31,555	15.5	13.0		
2004	46,860	6.4	2.7	16.0	-	-	-		2004	32,687	4.4	3.8	13.6	32,687	16.0	13.6		
2003	45,193	6.8	2.9	15.1	-	-	-		2003	31,691	4.6	4.3	13.2	31,691	16.4	13.2		
2002	46,237	6.5	3.2	14.6	-	-	-		2002	31,111	4.6	4.0	13.1	31,111	15.9	13.1		
2001	45,611	7.0	3.1	14.5	-	-	-		2001	31,055	4.7	4.0	12.3	31,055	15.8	12.3		
2000	44,248	6.7	3.1	14.7	-	-	-		2000	30,335	4.7	4.0	12.8	30,335	15.8	12.8		
1999	67,743	6.9	3.3	13.8	-	-	-		1999	46,241	4.8	4.7	11.5	46,241	15.2	11.5		
1998	43,261	6.5	3.5	13.2	-	-	-		1998	30,541	5.3	4.5	10.7	30,541	14.6	10.7		
1997	43,396	6.7	3.3	13.6	-	-	-		1997	31,291	5.6	4.7	10.7	31,291	14.7	10.7		

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 20C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Growth Indicators by Age
Children Aged < 5 Years (2)

Page: 2
Run Date: 5 / 15 / 07

Summary of Trends in Growth Indicators by Age ⁽³⁾																	
Age and Year *		Height and Weight							Age and Year *		Height and Weight						
		Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)					Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)		
		Number	%	%	%	Number	%	%			Number	%	%	%	Number	%	%
		<5th	<5th	≥95th	85th-<95th			≥95th			<5th	<5th	≥95th	85th-<95th			≥95th
48 - 59 Months																	
2006		26,817	4.0	3.7	14.7	26,817	16.6	14.7									
2005		27,203	3.8	4.0	14.3	27,203	16.5	14.3									
2004		26,797	3.9	3.7	14.3	26,797	17.0	14.3									
2003		25,899	4.2	3.9	14.2	25,899	16.7	14.2									
2002		26,439	4.6	4.0	13.1	26,439	16.2	13.1									
2001		26,353	4.6	3.7	13.9	26,353	16.3	13.9									
2000		25,277	4.5	3.8	12.8	25,277	16.5	12.8									
1999		35,282	4.8	4.4	11.5	35,282	15.6	11.5									
1998		26,322	4.8	4.6	10.6	26,322	15.4	10.6									
1997		26,724	5.1	4.1	10.6	26,724	15.3	10.6									
Total All Age Groups																	
2006		225,665	6.8	4.1	12.4	95,780	16.2	13.3									
2005		222,271	6.7	4.2	12.3	95,227	15.6	12.7									
2004		221,604	6.8	4.0	13.0	95,863	16.1	13.2									
2003		216,362	6.9	4.3	12.7	93,962	16.1	12.9									
2002		216,350	7.0	4.6	12.2	94,065	15.7	12.4									
2001		221,698	7.7	4.8	11.8	93,453	15.6	12.3									
2000		216,687	7.5	4.8	11.7	90,754	15.5	12.0									
1999		314,350	7.3	5.0	11.0	135,007	14.8	11.0									
1998		215,365	7.5	5.5	10.3	90,760	14.3	10.1									
1997		216,856	7.6	5.2	10.6	92,893	14.5	10.1									

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 21C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Anemia by Age
Children Aged < 5 Years (2)

Page: 1
Run Date: 5 / 15 / 07

Summary of Trends in Anemia by Age (3)						
Age and Year		Anemia Low Hb/Hct (4)				
		Number	%			
6 - 11 Months				18 - 23 Months		
	2006	7,421	15.6		2006	19,732 13.0
	2005	7,508	16.7		2005	20,105 14.7
	2004	6,915	16.3		2004	19,903 13.3
	2003	7,718	16.6		2003	19,678 13.6
	2002	13,917	14.3		2002	20,855 13.5
	2001	37,241	16.4		2001	21,288 14.3
	2000	36,024	18.1		2000	20,425 14.9
	1999	44,496	17.2		1999	30,534 14.9
	1998	35,028	17.6		1998	20,080 15.6
	1997	34,604	19.3		1997	19,787 16.9
12 - 17 Months				24 - 35 Months		
	2006	32,334	14.9		2006	30,393 14.2
	2005	32,429	16.0		2005	30,215 15.3
	2004	32,249	15.3		2004	30,100 14.3
	2003	30,495	15.1		2003	30,750 14.5
	2002	28,353	15.1		2002	28,354 15.1
	2001	24,695	15.7		2001	32,230 14.5
	2000	24,359	16.4		2000	31,739 15.2
	1999	35,848	15.8		1999	42,042 16.8
	1998	23,925	16.4		1998	34,504 16.0
	1997	24,058	17.5		1997	34,992 17.4

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 21C
2006 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Anemia by Age
Children Aged < 5 Years (2)

Page: 2
Run Date: 5 / 15 / 07

Summary of Trends in Anemia by Age (3)								
Age and Year		Anemia Low Hb/Hct (4)			Age and Year		Anemia Low Hb/Hct (4)	
		Number	%		Number	%		
36 - 59 Months					Total All Age Groups			
	2006	45,288	10.0			2006	135,168	12.9
	2005	46,279	10.9			2005	136,536	14.0
	2004	47,537	10.2			2004	136,704	13.1
	2003	45,609	10.2			2003	134,250	13.1
	2002	47,676	10.0			2002	139,155	13.0
	2001	49,483	10.2			2001	164,937	13.8
	2000	47,635	10.4			2000	160,182	14.6
	1999	55,887	11.8			1999	208,807	15.1
	1998	54,760	10.9			1998	168,297	14.7
	1997	58,253	11.4			1997	171,694	15.7
All Other/Unknown								
	2006	0	*					
	2005	0	*					
	2004	0	*					
	2003	0	*					
	2002	0	*					
	2001	0	*					
	2000	0	*					
	1999	0	*					
	1998	0	*					
	1997	0	*					

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

